

## **AMENDMENTS TO THE SPECIFICATION:**

Please amend the last paragraph starting on page 15 and continuing to page 16 of the specification as follows:

When the result of the stable state decision becomes “OK” and control is passed, then the wait time calculating section 26 calculates a real measuring time corresponding to the number of measurements,  $i$ , and obtains an optimal value of the wait time (Step 3). Here, upon calculating the real measurement time corresponding to the number of measurements,  $i$ , it is possible to readily calculate it, for example, ~~as a once real measuring time  $\Delta t$~~   $X_i = \text{wait time where a real measurement time for once is } \Delta t$ , wait time is given by  $\Delta t \times i$ . The calculated real measuring time is stored in the wait time memory section 17 (Step 4).